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No. 2]

NEW DELHI, SATURDAY, JANUARY 11, 1969 (PAUSA 21, 1890)

इस भाग में सिन्ह पृष्ठ संख्या वी जाती है जिससे कि यह अलग संकलन के इष्ट में रखा जा सके।
Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट वार्यानिय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 11th January 1969

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

21st December 1968

119111. Ciba Limited. Pigment preparations.
119112. S. A. J. Liljendahl. Improvements in dosing calcium hydroxide.
119113. Binder & Co., Method of and apparatus for screening pourable granular material.
119114. Ab Inva. Metallurgical manipulator.
119115. The National Cash Register Company. Treating minute capsules to reduce the permeability of the capsule walls.
119116. Hindustan Lever Limited. Process for preparing agents for the care of the hair.
119117. Alimanna Svenska Elektriska Aktiebolaget. High voltage circuit breaker of minimum liquid type.
119118. Societe Civile D'Etudes De Centrifugation. New method for effecting the continuous rotary casting of round bars of metal, and apparatus for carrying out this method. [Addition to No. 101441].
119119. Farbenfabriken Bayer Aktiengesellschaft. N-trityl-imidazolium salts.
119120. The Birmingham Small Arms Company Limited. Improvements in or relating to means for sampling bulk materials. (28th December 1967).

23rd December 1968

119121. K. N. Misra. Relating to the plotting of loci of configurations on symmetrically mounted type-bodies, meant for typewriters/teleprinters and like machines, to produce desired and desirable results.

119122. P. D. Sidhva. Improvements in or relating to telescopic single chamber hydraulic shock absorbers.
119123. Hindustan Lever Limited. Fermentative preservation of foodstuffs. (29th December 1967).
119124. K. C. Shah. Magnetic loom.
119125. Director General, Research Designs and Standards Organisation, Government of India, Ministry of Railways. Road-cum-rail cycle.
119126. S. M. Shobert. Reinforced plastic well screen and method and apparatus for making the same.
119127. Aspro-Nicholas Limited. Disinfectant preparations. (9th January 1968).
119128. Armco Steel Corporation. Potassium silicate glass coatings for ferrous magnetic sheet stocks and methods of producing them.
119129. Farbenfabriken Bayer Aktiengesellschaft. N-trityl-imidazoles.
119130. I. B. Humphreys. Method and apparatus for grading particulates of different masses, sizes or shapes suspended in a liquid slurry.
119131. Sinclair Oil Corporation. Optically pumped magnetometer.
119132. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Process for the manufacture of benzodiazepine derivatives.
119133. Farwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brüning. Process for the manufacture of phenylalkanolamines.
119134. Hercules Incorporated. Apparatus and process for making synthetic yarn, and yarn having a plurality of filaments.
119135. O. B. Rasmussen. Method for the production of synthetic sheet materials. (29th December 1967).
119136. Honiron Inc. Juice extraction apparatus.

24th December 1968

119137. Amalendu Bhushan Sanyal. Improvements in or relating to coatings on slabs and/or mouldings.
119138. Atul Chandra Choudhury. Educational toy.
119139. H. S. Gill. Automatic track changing mechanism for tramways and railways.
119140. Mrs. S. Santhanakrishnan. Improvements in or relating to glazing.
119141. Celanese Corporation. Smoking materials.
119142. Council of Scientific and Industrial Research. Improvements in or relating to the production of pale coloured coating materials from cardanol.
119143. Council of Scientific and Industrial Research. Processes for the production of pale coloured adhesives from cardanol.
119144. V. A. Altekar. An improved process for manufacture of zinc-dust from zinc hydroxide by-product.
119145. H. C. Heinrich. Iron preparation.
119146. Honiron Inc. Process for extracting juice.
119147. UGINE KUHLMANN. Process for rearrangement of peroxides of the cyclohexanone. (29th May 1968).
119148. UGINE KUHLMANN. Process for decontaminating radioactive objects. (13th August 1968).
119149. VEB TABAK-UND INDUSTRIEMASCHINEN DRESDEN. A method and apparatus for producing a continuous rod of loose, fibrous particles, more particularly cut tobacco. (30th March 1968).
119150. N. V. Philips Gloeilampenfabrieken. Method of making an article, consisting at least supervisually of copper, suitable for the connection by means of spot welding.
119151. Societe Des Accumulateurs Fixes Et De Traction. Improvements in or relating to electrochemical generators, more particularly alkaline cells.
119152. Eli Lilly and Company. Herbicidal compositions.
119153. Joseph Lucas (Industries) Limited. Lighting systems for road vehicles. (1st January 1968).
119154. Joseph Lucas (Industries) Limited. Dampers for minimising hunting. (1st January 1968).

26th December 1968

119155. Celanese Corporation. Preparation of bis (2-hydroxyalkyl) esters of terephthalic or isophthalic acid.
119156. Agripat S. A. New 1, 3, 4-thiadiazolyl ureas and processes for the production thereof.
119157. Imperial Chemical Industries Limited. Chemical process. (10th January 1968).
119158. Uniroyal, Inc. Improvements in copolymerization of olefins.
119159. Nitro Nobel AB. Apparatus for kneading doughy explosives.
119160. Telcon-Magnetic Cores Limited. Improvements in magnetic cores. (1st January 1968). [Addition to No. 111599].
119161. Joseph Lucas (Industries) Limited. Electrical switches. (12th January 1968).
119162. Fabbrica Italiana Magneti Marelli, S.p.A. Resilient coupling for a rod articulation system in particular for wind-screen wiper.
119163. Council of Scientific and Industrial Research. A new process for making iron ore pellets from haematite ore fines and/or from blue dust with cement as binder.
119164. Ciba Limited. New azo pigments and processes for their manufacture and use.
119165. Ciba Limited. Water-insoluble azo compounds and processes for their manufacture.
119166. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Process for the manufacture of β -collidine.

119167. Translektro Magyar Villamossagi Kulkereskedelmi Vallatalat. Method and device for continuous hydro-pneumatic conveyance of powder-like material.
119168. Sandoz Ltd. Azo compounds, their production and use.
119169. Sandoz Ltd. Process for the production of azo compounds.
119170. Scherico Ltd. Sealed injection vial. (14th June 1968).
119171. Ciba Limited. Soluble antibiotics, process for their manufacture and compositions containing them.
119172. Ciba Limited. Gelatine capsule coatings and a process for their manufacture.
119173. V. C. P. Kittu. Improvements in or relating to centrifugal pump systems, more particularly, open deep well centrifugal pump systems and the like. [Addition to No. 112815].

27th December 1968

119174. Pullmann Incorporated. Self-cooling apparatus for introducing reactant gases.
119175. J. R. Geigy A. G. 1, 4-dihydroquinoline derivatives and process.
119176. Chas Pfizer & Co., Inc. Process for the preparation of novel acylphenicillins.
119177. Albiswerk Zurich A.-G. Improvements in or relating to directional radar antenna systems. (16th October 1968).
119178. Eastman Kodak Company. Stable adhesive composition.
119179. Farbensabriken Bayer Aktiengesellschaft. O-halo-
genphenylcarbamates.
119180. Argus Chemical Corporation. Imparting anti-fogging properties to polyvinyl chloride resins and compositions therefor.
119181. Sandoz Ltd. Improvements in or relating to organic compounds.
119182. O. B. Rasmussen. Extruded sheet material and methods for its production. (29th December 1967).
119183. Societa Farmaceutici Italia. Separation of optical antipodes.
119184. Shri Atul Chandra Dass. Round pil.
119185. P. K. Kulkarni and V. P. Kulkarni. A hydraulic device to give translatory motion for ploughing, vibrating and earth cutting.

Alteration of Date

119073. Ante-dated to 21st March 1967 under Section 5 of the Act.
113106. The claim to priority date 21st November 1966 has been abandoned and the application dated as of 9th November 1967, the date of filing in India.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8 Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawing, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

81957. Oy Tampella AB. Improvements in or relating to cartridges for mortar projectiles. Accepted on 26th December 1968.

Cartridge is provided with separate stiffening discs, which give a certain form to the cartridge and support it on the tail part of the projectile.

104938. Philips Petroleum Company. Improvements in fractional crystallization. Accepted on 26th December 1968.

Comprising first elongated closed chamber having heat exchange means, a second elongated chamber with agitation means, these two interconnected by conduits and crystal purification wherein.

106870. Amylase A. G. Improved beverage and production method. Accepted on 20th December 1968.

Amyloglucosidase is added to the materials being brewed to enable either one or both of marking period and fermentation period to be conducted in the presence of amyloglucosidase.

109539. Swift & Company. Improvements in or relating to manufactured protein food products and a method for making the same. Accepted on 21st December 1968.

Comprising forming a dough of water and a defatted undenatured vegetable oil seed protein and extruding the dough after heating it under pressure.

109713. Norton Company. A method of producing abrasive α -alumina oxide crystals crystals obtained thereby and abrasive articles made therefrom. Accepted on 16th December 1968.

Comprises forming a solution of an alumina source in the melted flux for the alumina oxide followed by evaporation of a substantial portion of the flux to obtain the required α -alumina oxide crystals.

109768. J. S. Kang. A camp kit. Accepted on 17th December 1968.

Comprising a box, top panel, side panels forming extention of top panel to form a table in cot.

109828. Ministerul Petrolului. Device for perforating the casing and sand layers in oil and gas wells with abrasive fluid jet. Accepted on 21st December 1968.

Interior collar of a sleeve supports the whole device consisting of a piston fixing elements fastening elements and a ball-check valve, the assembly of perforating elements and the device for centering being mounted at its lower part.

109832. W. K. H. Gregori. Concrete form. (7th November 1966). Accepted on 21st December 1968.

Comprising (i) providing self-supporting form each consisting of a molded block of foamed polymeric insulating material and having a hole extending therethrough, (ii) filling the holes with flowable cementitious material and (iii) leaving the forms in place after curing and hardening the cementitious material.

109886. P. K. Kulkarni. A device operated from deck of ship to remove marine growth from under water part of ship. Accepted on 23rd December 1968.

Comprising a cleaning unit held by a rope from a winch each on the port the starboard sides, said winches being movable on rails held on the hull by magnetic holders the cleaning unit having brushes mounted on a platform held against the hull by magnets.

109927. Algemene Kunstzijde Unie N. V. Improvements in or relating to a process and apparatus for twisting yarn, and to yarn twisted according to the process and apparatus. Accepted on 21st December 1968.

The programming unit comprises a programme for generating a function f(y) and there are adjusting means, computing means and control means,

109938. Fierro Esponja S. A. Ore treating apparatus. Accepted on 26th December 1968.

Comprising a chamber, means for charging said chamber with metal are to be reduced, means for passing reducing gas through said metal are in said chamber, and discharging means located at the bottom of said chamber.

116011. Universal Oil Products Company. Preparation and use of crystalline aluminosilicates. Accepted on 21st December 1968.

Characterized by agitating solid hydrated crystalline aluminosilicates in water until a suspension of the aluminosilicates in water is obtained, spray drying the suspension and transforming the resultant spray dried free-flowing solid particles by compression into shaped particles.

110050. Vsesojuzny nauchno-issledovatel'sky i konstruktorsky institut avtogenного mashinostroenia. A device for supply powdered materials by the aid of a compressed gas current. Accepted on 20th December 1968.

Wherein a vertically adjustable platform, disposed in the turbulent path of the current of the compressed gas, for the powdered material provided in annular chamber, communicating with a feeder through a receiving connection pipe having a nozzle for supplying compressed gas and a channel for taking off the gas powder mixture.

110078. Union Carbide Corporation. Method and device for forming and sealing closures in thermoplastic bags. Accepted on 24th December 1968.

Comprising means whereby at least one of the opposed end flaps is infolded over internal forming means and the side flaps are outfolded over folding means, means for sequentially infolding said opposing pair of side flaps in overlapping relationship and means for sealing said infolded side flaps.

110122. J. R. Patel. Improves in or relating to containers for dispensing liquids in drops more particularly eye drops, nasal drops, each drops and the like. Accepted on 23rd December 1968.

Wherein a nozzle is provided with a tapered opening and the top end of the said opening being enlarged gradually so that the topmost part of the said opening is of shallow concave shape.

110144. Johnson & Johnson. Improved polypropylene tape. Accepted on 21st December 1968.

Includes a backing of biaxially oriented polypropylene film, each of the longitudinal edges of said film defining a continuous series of minute closely spaced micro-notches, said tape possessing longitudinal elongation at break of no more than about 25 per cent.

110598. A. Reimbert. Improvements in or relating to methods of constructing silos or like containers, and structure thus obtained. Accepted on 23rd December 1968.

Consisting in forming a cylindrical enclosure by curved panels, equipping the enclosure with at least one horizontal reinforcing ferrule disposed at the top each said ferrule consisting of a series of curved elements each secured in the centre of the panel, and finally tightening the junction means of the curved elements (relatively displaceably interconnected) after silo is filled for the first time.

110709. Sando Iron Works Co., Ltd. Method of and apparatus for strengthening or mercerising cloth. Accepted on 26th December 1968.

Includes the steps of passing the cloth between rollers having interengaging grooves and further passing the cloth between a flat soft roller and a hard grooved roller,

110741. Girling Limited. Improvements in or relating to disc brakes. (30th June 1966). Accepted on 23rd December 1968.
Comprising rotor, brake disc or discs fasteners, hole for the fasteners.
111184. Monsanto Company. Reinforced polyamides and process of preparation thereof. [Addition to No. 93957]. Accepted on 20th December 1968.
An inorganic filler material is treated with an organosilane coupling agent and a base catalysed substantially anhydrous ammonia polymerization of a lactam in the presence of said filler and said coupler is conducted.
111274. Council of Scientific and Industrial Research. Improvements in or relating to the manufacture of soft ferrites. Accepted on 24th December 1968.
Mixing a compound of manganese with iron oxide and sintering at 1170°C to 1230°C which is characterised in that sintering is done in the presence of a clayey material.
111304. The Dunlop Company Limited. Improvements in or relating to play balls. (22nd July 1966). Accepted on 26th December 1968.
Comprising a blend of rubber and a thermoplastic the rubber being present in the blend in an amount of from 5% to 95% by the weight of the blend.
111356. The Dunlop Company Limited. Polyurethanes and a method for their preparation. (14th July 1966). [Addition to No. 100187]. Accepted on 23rd December 1968.
Comprising reacting a polypropylene sulphide having at least one thiol group with organic compounds containing at least two substantially terminal—NCX group where X is an oxygen or sulphur atom.
111400. International Standard Electric Corporation. Operating circuit for a phase change switching device. Accepted on 24th December 1968.
Comprising means for applying a control signal to said device having two physical states and for altering a parameter of said signal to cause at least one characteristic thereof to fall within a given range of values.
111459. Joseph Lucas (Industries) Limited. Commutators. (20th July 1966). Accepted on 24th December 1968.
Wherein the conductive segment comprises a first portion of conductive material engaging the brushes, and second portion of another material constituting a heat sink for and supporting the first portion.
111655. J. J. S. Ahluwalia. A building structure. Accepted on 24th December 1968.
Having cavity walls and employing pre-fabricated or cast-in-situ components, one of the components serving as wall panels, said panels forming the double wall with a cavity there between and another inter changable component serving as a window sill or chajja having a projection to co-ordinate with the cavity in the wall.
111681. The Dunlop Company Limited. Mechanical belting. [Addition to No. 73906]. Accepted on 19th December 1968.
Includes subjecting a surface of polypropylene to the action of a liquid and applying to the treated surface a vulcanizable composition layer.
111682. The Dunlop Company Limited. Mechanical belting. [Addition to No. 73906]. Accepted on 20th December 1968.
Includes assembling a treated polypropylene sheet with the treated surface innermost in superimposed relation with a belting reinforcement ply to form a surface layer thereof.
111795. Schenectady Chemicals, Inc. Tackified epdm rubber compositions and articles produced therewith. Accepted on 23rd December 1968.
Ethylene-propylene-polyene terpolymer rubber admixed with a thermoplastic resin which is the reaction product of (1) an aldehyde, (2) a phenol and (3) a phenyl borate.
111851. General Electric Company. Preparation of poly (2, 6-disubstituted 1,4-phenylene) ethers using nickel peroxide. Accepted on 21st December 1968.
Contacting 2, 6-dimethyl phenol 2, phenyl-6-methyl phenol or 2, 6-diphenyl phenol with nickel peroxide.
111853. Luwa AG. Apparatus for monitoring the travel of a fiber strand at flyer spinning frames or the like. Accepted on 26th December 1968.
Comprises a pivotable feeler means arranged above the flyer head, a first signal element supported on the feeler means and a second fixedly mounted signal element.
111922. Veb Chemiefasewerk "Friedrich Engels". A process for the production of directly spinnable solutions and formed bodies, filaments and fibres obtained from said solution. (3rd February 1967). Accepted on 20th December 1968.
Polymerising vinylidene chloride and acrylonitrile with the addition of water in the presence of known catalyst and freeing the monomers.
111975. Ciba Limited. Pesticidal preparations containing dibromophenyl ureas or dibromophenylthioureas. Accepted on 23rd December 1968.
Comprises as an active ingredient a reaction product obtained by reacting bromine and a mixture of 3(3-bromophenyl) 1-dimethyl urea dissolved in acetic acid in the presence of sodium acetate.
111985. F. D. Dodds. Pile faced fabric. Accepted on 21st December 1968.
Comprising one foundation layer of fellow fibres, rows of pile loops, a coating of latex at the back of the foundation fabric, and a plastic protective coating on top of the foundation through which the pile ends extend.
112077. Metallurgical Processes Limited and Imperial Smelting Corporation (N.S.C.) Limited. Method of improving zinc condensing efficiency in zinc producing. (1st September 1966). Accepted on 23rd December 1968.
In which chlorine is introduced in the furnace unit, which unit comprises a feed preparation machine, feed transfer apparatus, furnace charging gear, the furnace shafts, gas offtakes and at least one condenser for zinc vapour.
112097. Astra Nutrition Ab. Apparatus and method for continuous extraction of fats from organic matter. Accepted on 20th December 1968.
Vertically disposed pre-extractor vessel having means for stirring and means for removing fat-rich solvent, counterflow extractor having means for introducing fat solvents into it, counter-flow extractor being connected at its end opposite the pre-extractor with a centrifuge.
112119. Dr. R. D. Mehta and Dr. C. Nanjundayya. A new process for imparting 'durable press' finish to fabrics made of cotton or viscose or their blends or of their blends with other synthetic fibres. Accepted on 26th December 1968.
Comprises impregnating the fabric with acrylamide solution and alkaline catalyst, treating with formaldehyde and washing, impregnating with acid catalyst and curing.
112166. International Business Machines Corporation organic photoconductive members having photoconductive layers formed of such compositions, and an electrophotographic process using such members. Accepted on 20th December 1968.

Composition comprising from about 0.49 to about 1.23 moles, of 2, 4, 7-trinitro-9-fluorenone per mole of monomeric unit of vinyl heterocyclic compound.

112686. The Gulf Coast Institute of Research and Technology, Inc. Marine protein concentrate. Accepted on 26th December 1968.

Comprising contacting raw fish with organic acid separating the released fat extracting soluble protein and drying it.

112694. V. V. Babu. A positive displacement rotary pump. Accepted on 21st December 1968.

Wherein one end of the vane or brush is connected to the periphery of the rotor in such a way that when the rotor rotates the brushes swing forward and backward about the connected end and the liquid is pushed forward and pumped out, while the rotor is rotating in an eccentric position in a casing that forms two part of two circles with different radii.

112920. Westinghouse Electric Corporation. Multi-stage flash evaporator and method of separating a solvent from a solution. Accepted on 21st December 1968.

Having first portion of the enriched solution removed from the evaporator at a pressure state higher than that in the lowest pressure area, and the pressure of first portion is then further reduced for evaporating additional solvent from and for further cooling the first portion of enriched solution.

113067. Uniroyal, Inc. Tire production with jet air cooling during post inflation. Accepted on 23rd December 1968.

Method and apparatus for cooling pneumatic tyres during post cure inflation treatment of the tyre after removal from the press.

113106. Rexall Drug and Chemical Company. Heat and oxidative stabilized polypropylene. Accepted on 20th December 1968.

Comprising hydroxybenzyl phosphonate a substituted 1, 3, 5-triazine and a diester of thiadipropionic acid.

113163. J. C. Ceccaldi. Improved process for the manufacture of concrete products particularly concrete structures and concrete structural parts. Accepted on 26th December 1968.

Characterised in that a finely granulated ground powder consisting of a substance having a low coefficient of deformability preferably a powder consisting of bituminous coal tar pitch is added to the concrete mix.

113226. E. I. Du Pont De Nemours and Company. Gelled aqueous explosives and process for thin preparation. Accepted on 26th December 1968.

Process for making water bearing explosives by bringing together water, fuel and an oxidising component which is characterised in that gelling the aqueous phase of said explosives by copolymerizing in situ a mixture of mono-and polyethylenically unsaturated monomers soluble and stable in the systems.

113358. Frankenstein Group Limited. Improvements in or relating to inflatable garments. Accepted on 23rd December 1968.

Characterised in that appropriate partial pressure and "anti-G" coverage is provided by means of two bladder systems built into a one piece suit.

113517. Interstruct Corporation. Pre-formed members for use in the formation of substantially planar building slabs, and monolithic building structure comprising such members. Accepted on 23rd December 1968.

Having a plurality of sidewalls each of said side wall defining a key way, said key way forming a shear key upon the insertion of cementitious material.

113578. Esso Research and Engineering Company. Promoted mosquito control oil. Accepted on 26th December 1968.

Comprising a hydrocarbon oil and effective amount of ethoxylated 2, 4-dinonyl phenol containing 6 to about 14 ethoxy units.

113647. Tractel Tirfor India Private Limited. Device for pre-clamping the jaws of self-tightening cable clamps. Accepted on 21st December 1968.

Comprising jaws, clamp, pivoting, links, springs acting upon clamp jaw.

113690. Hydrocarbon Research, Inc. Method of producing oxygen at an elevated pressure from air and apparatus therefor. (8th December 1967). Accepted on 20th December 1968.

Which comprises supplying refrigeration to the feed air by passing high pressure nitrogen in indirect heat exchange relationship with the feed air and thereafter expanding high pressure nitrogen with work, preferably through a high speed turbine, to a slightly superatmospheric pressure and removing expanded nitrogen as a first vapour product, withdrawing gaseous oxygen product at the pressure second column from the lower end of second column.

113790. E. I. du Pont de Nemours and Company. Crystalline, oriented filament of a high molecular weight and process for preparing the same. Accepted on 20th December 1968.

Filaments consisting primarily of recurring structural units of the polymer of bis-(4-amino-cyclohexyl) methane are drawn while the filaments are at a temperature which exceeds the value given by the expression $t(c)=290 + s - 15m + 20(-1)^m$, where m is the total number of carbon atoms in the diacid and S is the trans stereoisomeric content of the PACM content.

113996. N. V. Philips Gloeilampenfabrieken. Amplifier for trivalent pulse signals the pulses of which occur at instants determined by a clock frequency, the peak values of the pulses only occurring separately. Accepted on 21st December 1968.

Comprising an equalizing net work to which a pulse regenerator is connected on the one hand and a clock-frequency extractor for recovering the clock frequency from the received pulse signals on the other hand, the clock frequency extractor being formed by a rectifier succeeded by a threshold device and a selective circuit tuned to the clock frequency.

114075. N. V. Philips Gloeilampenfabrieken. Elongate high-pressure mercury vapour discharge lamp. Accepted on 21st December 1968.

With the central part of the envelope separated from the conical part by an intermediate part the wall of which encloses an angle of 90° to 110° with the wall of central part, the angle being located within the discharge space the intermediate part being screened from direct heat radiation if adjacent first electrode by conical part.

114078. Societe Fives Lille-Cail. A process of joining tubes to a header, a header having tubes joined thereto, and a heat exchanger including such header. Accepted on 21st December 1968.

The process of joining tubes to a header consisting of inserting one end of the tubes into the respective ones of the header bores, with the tubes ends extending at least close to the outer header face, plugging the ends of the tubes to prevent welding metal from entering into the tube bores, welding a cladding to the outer header face, and unplugging the tube ends.

114130. M. Zaltron. An extensible elastic metal strap. Accepted on 23rd December 1968.

Comprising a series of adjacent transverse torsion members located transversely of the axis of the strap the transverse members being connected at the ends to the adjacent preceding member and to adjacent following member at alternate ends.

114131. N. V. Philips Gloeilampenfabrieken. A cathode for an electric discharge tube and an electric discharge tube incorporating such a cathode. Accepted on 20th December 1968.

Having a porous tungsten body, the emissive surface of which is coated with a thin porous layer of osmium-iridium alloy containing 30 to 70% of osmium or of an osmium-ruthenium alloy containing 20 to 80% of osmium.

114225. Raytheon Company. Air gap isolated semiconductor device. (22nd November 1967). Accepted on 21st December 1968.

Comprising an apertured semiconductor layer, an active semiconductor unit within the aperture and including areas of opposite conductivity type semiconductor material comprising electrodes with metal contacts, and metal members connected at one end to metal contacts and spanning the air gap and having opposite ends on the semiconductor layer.

114245. Hindustan Lever Limited. Freeze-drying mixtures of foodstuffs. Accepted on 21st December 1968.

The foodstuffs are mixed as discrete particles in an incoherent condition without any substantial amount of water or other binder and the mixture is subjected to a freeze-drying process for a period of time which is approximately the weighted average of the periods of time needed for freeze-drying each of the foodstuffs separately in the same layer of thickness and under the same conditions.

114302. Combustion Engineering Inc. Liquid gas contact apparatus. Accepted on 23rd December 1968.

Includes a housing with a gas inlet and outlet for producing gas flow, the lower portion of the housing forms a tank for retaining a quantity of liquid, and a rotor is mounted in the housing so as to extend partially below and partially above the predetermined level with its axis of rotation extending in the direction of gas flow.

114330. Needle Industries Limited. Improvements in and relating to articles comprising a moulded member attached to a base member and methods of making same. Accepted on 23rd December 1968.

A holder for articles like needles having an elongated stem or shank like portion wherein a mounting member is attached to a base member and adapted to receive and hold one or more such articles, and the mounting member comprises a moulding of a thermoplastic synthetic resin or plastics material.

114394. F. L. & J. C. Codman Company. Abrasive means and method of manufacture. Accepted on 21st December 1968.

Making an abrasive member by forming a resilient body and adhesively bonding a distribution of abrasive grains characterised in providing a large number of discrete, compressible, resilient performed foam body particles and applying a thin coating of elastomeric bonding agent to individual particles.

114421. Spirax-Sarco Limited. Improvements in or relating to fluid-flow control valves. (23rd March 1967). Accepted on 21st December 1968.

A valve seat, a valve closure element movable towards and away from the seat, a valve rod member upon which said element is mounted, a non-rotatable element to which said valve rod member is connected,

114514. Vsesojuzny nauchno-issledovatel'sky institut burovoi tekhniki. A drill bit. Accepted on 24th December 1968.

A drill bit composed of several cutters, each cutter having several tooth rims and which is used for drilling rock possessing strong plastic properties.

114553. G. K. N. Somerset Wire Limited. A new or improved method of and apparatus for processing wire and the like. (24th February 1967). Accepted on 23rd December 1968.

An apparatus and method for effecting controlled permanent elongation so as to increase the resistance to continued elongation under sustained tensile loading in wires, strands or ropes etc.

114573. N. V. Philips Gloeilampenfabrieken. Hydrodynamic sliding bearing. Accepted on 21st December 1968.

Hydrodynamically active quantity of lubricant of the bearing being provided between one concave bearing part and the other bearing part rigidly secured to the shaft, a spherical surface of at least one of the two bearing parts comprising an annular pattern of approximately loxodromic, shallow grooves.

114790. Dynamit Nobel Aktiengesellschaft. Improvements in or relating to polyvinyl butyryl films for use in the production of laminated glass. Accepted on 20th December 1968.

Having a water content of 0.1 to 1.0% of the weight and using polyolefin film as a separating layer between each adjacent coil of the polyvinyl butyryl film.

114876. Siemens Aktiengesellschaft. Semiconductor device, for example a thyristor. Accepted on 23rd December 1968.

Comprising a substantially monocrystalline semiconductor wafer including an outer P-conductive layer, an inner n-conductive layer, an inner P-conductive layer and an outer n-conductive layer.

114979. The Scientific Adviser to Defence Minister, Ministry of Defence, Government of India, New Delhi. Process for the manufacture of foamed products and foamed polymeric materials. Accepted on 21st December 1968.

Characterized in that resin derived from alcoholysis product of castor oil with aliphatic polyhydroxy aminoalcohol containing at least two hydroxyl groups is used.

114987. The Dunlop Company Limited. Improvements in or relating to machine drives. (17th March 1967). Accepted on 24th December 1968.

A multi-speed machine drive apparatus comprising a common driving motor, a pair of clutches, means connected on the output or input side of at least one clutch for increasing or decreasing the speed of drive and means for engaging or disengaging the clutches independently whereby one or other clutches can be driven to provide a predetermined speed of drive from the common motor.

114988. The Dunlop Company Limited. Improved tyre construction. (17th March 1967). Accepted on 24th December 1968.

A pneumatic tyre comprising a carcass of substantially radially extending reinforcing cords and a tread having a single substantially circumferential relatively wide main drainage groove located in the region of the mid circumferential plane of the tyre and a plurality of relatively narrow drainage grooves disposed about the main drainage groove on each side thereof.

115004. Atul Glass Industries Private Limited. Improvements in or relating to a fixture assembly. Accepted on 23rd December 1968.

Characterised in that it consists of an inverted L-shaped clamp having its shorter limb bent downwards, the longer limb being provided with a vertical slot adapted to engage a screw passing therethrough and held to the fixing surface.

115028. Pneumatiques caoutchouc Manufacture Et Plastiques Kleber-Colombes. Method of and apparatus for manufacturing pipes. Accepted on 23rd December 1968.

Method and apparatus for manufacturing pipes composed of a wall made of thermoplastic material and a reinforcement, in the form of a helically wound ring embedded in the wall.

115147. Knapsack Aktiengesellschaft. Process for the manufacture of carboxylic acids. Accepted on 26th December 1968.

Comprising oxidising an aliphatic aldehyde in the gas phase at or above 120°C in presence of a carrier catalyst and an activator.

115245. Musexport Limited. Physical exerciser. Accepted on 21st December 1968.

A portable physical exerciser based on overcoming friction for physical training with two grips which can be pulled in opposite directions in alternation, said grips attached to a cable which is wound bifilar around a drum enclosed in a housing.

115655. Kabushiki Kaisha Noza Kagaku. A storage battery. Accepted on 24th December 1968.

Containing an electrolyte and an additive consisting essentially of an acid amide compound.

115656. S. Messerschmidt. Apparatus for photoelectric inspection of balls. Accepted on 24th December 1968.

Comprising a rotatable cylinder with circumferential holes for receiving balls therein, means for indexing cylinder so that balls therein pass through scanning stations, a driving element in the cylinder to engage and drive the balls, and photoelectric detecting means at each scanning station.

115674. N. V. Philips Gloeilampenfabrieken. Colour television display cathode-ray tube. Accepted on 24th December 1968.

Each supporting member of the colour selection electrode is provided with resilient parts which press against the sidewall of the cavities and are clamped and fixed therein.

115675. N. V. Philips Gloeilampenfabrieken. Colour television display cathode-ray tube provided with a substantially rectangular shadow mask. Accepted on 23rd December 1968.

Having resilient strip-shaped suspension members securing the shadow mask to the tube, extending beyond the protruding edge of the mask and being secured to the inner side of the edge of the mask.

115811. British Insulated Callender's Cables Limited. Improvements in or relating to communication cables. (12th May 1967). Accepted on 24th December 1968.

Comprising co-axial line/s, signalling cores helically lapped about the co-axial line/s, and enclosing the assembly a water-tight, protective sheath, the direction of lay of the helically lapped cores is reversed at spaced locations along the length of the cable.

116605. Vsesojuzny Nauchno-Issledovatel'skiy Institut Zheleznodorozhnogo Transporta. Device for automatic coupling of intercar communications. Accepted on 24th December 1968.

A device applied to the rolling stock for automatically counting of intercar communications such as, air mains, electric mains etc.

116752. Bryce Berger Limited. Liquid fuel injection pumps. (28th July 1967). Accepted on 21st December 1968.

A liquid fuel injection pump comprising a body part, a plunger within the body, a sleeve in the body part, an open ended slit extending from the end of the sleeve remote from the body part and a peg secured to the plunger and engaged within said slit whereby angular movement of the sleeve will impart angular movement to the plunger, the plunger being allowed free axial movement relative to the sleeve.

116786. The Firestone Tire & Rubber Company. Method and apparatus for producing vehicle rims. Accepted on 24th December 1968.

Method and apparatus for the cold finish forming of pre-formed, circled and welded metal blanks in mass producing vehicle tyre rim products having improved quality, run out, and size tolerances, for better performance in use on the vehicle.

116821. Universal Oil Products Company. Hydrodesulfurization process and catalyst. Accepted on 21st December 1968.

Comprising at least one metal selected from Group VIB and from Group VIII composed with alumina and silica, having an average pore volume from 0.3 to 0.5 cc per gram, an average pore diameter from 60 to 100 Angstroms, a surface area from 150 to 250 square meters per gram and apparent bulk density from 0.625 to 0.875 grams per cc.

117138. Davidson & Co., Limited. Improvements in or relating to the fermenting of tea leaf or other vegetable matter. (24th August 1967). Accepted on 21st December 1968.

Comprising a plenum chamber with a perforated top wall, ducting means for supplying air or other gas, a conveyor belt, a feed hopper and a delivery chute.

119073. W. K. H. Gregori. Self-supporting concrete form. (7th November 1966). [Divisional date 21st March 1967]. Accepted on 21st December 1968.

Comprising a molded block of foamed polymeric material and having a hole extending therethrough, said hole being defined by two longitudinal walls terminating at two spaced transverse walls, at least one pair of corresponding edges of the transverse walls being inwardly spaced from the adjacent edges of the longitudinal walls, said corresponding edges of the transverse walls having longitudinally extending grooves for positioning reinforcement for the concrete.

Opposition Proceeding

(1)

The opposition entered by Charles Martin Sweet to the grant of a patent on application No. 69458 made by Westinghouse Brake & Signal Company Limited and notified in the Gazette of India Part III, Section 2, dated the 1st July, 1961 has been dismissed and a patent has been ordered to be sealed on the said application.

(2)

An opposition has been entered by Bombay Chemicals Private Ltd., to the grant of a patent on application No. 108155, made by National Research Development Corporation.

Appeal Proceedings

(SECTION 5)

(1)

An appeal to the Central Government has been filed by Massey-Ferguson Inc. under Section 5 of the Indian Patents and Designs Act, 1911 in respect of application for a patent numbered 94618.

(2)

An appeal to the Central Government has been filed by Western Engineering Company under Section 5 of the Indian Patents and Designs Act, 1911 in respect of application for patent numbered 98994.

Patents Sealed

(1)

102139. 104444. 104733. 104797. 104846. 104901. 104936.
 104937. 104986. 105016. 105084. 105253. 105265. 105592.
 105599. 105793. 105830. 105986. 106091. 106206. 106330.
 106887. 106906. 107260. 107303. 107654. 107846. 108279.
 109249. 110135. 110833. 111135. 111170. 111705. 112234.
 113005. 113019. 113124. 113229. 113357. 113799. 115106.

(2)

101430. 103730. 103756. 104358. 104447. 104536. 104613.
 104695. 104723. 104774. 104821. 105013. 105014. 105456.
 105472. 105654. 105834. 105948. 105968. 106030. 106140.
 106153. 106170. 106226. 106369. 106576. 106679. 106960.
 106971. 107020. 107087. 107090. 107329. 107355. 107398.
 107417. 107495. 107605. 107656. 107657. 107709. 107789.
 107805. 107889. 107914. 107976. 107989. 108051.
 108114. 108119. 108261. 108273. 108405. 108449. 108480.
 108515. 108563. 108593. 108682. 108770. 108790. 108823.
 108952. 109132. 109158. 109441. 109847. 110089. 110452.
 110564. 110682. 111232. 111285. 111305. 111340. 111414.
 111745. 112355. 112356. 112357. 112358. 112359. 112609.
 112611. 112680.

Amendment Proceedings

(1)

The amendment proposed by C. F. Braun & Co., in respect of patent application No. 105716, as advertised in the Gazette of India, Part III, Section 2, dated the 14th September, 1968, has been allowed.

(2)

The amendment proposed by Drever Company in respect of patent application No. 108083, as advertised in the Gazette of India, Part III, Section 2, dated the 14th September, 1968, has been allowed.

Renewal Fees Paid

50986. 51001. 51002. 51030. 51036. 51579. 53444. 53466.
 53562. 53569. 53635. 53671. 53712. 54140. 54954. 54955.
 55444. 55482. 55483. 56377. 56384. 56385. 56439. 56743.
 56812. 56813. 57233. 58194. 58339. 58995. 59270. 59277.
 59311. 59366. 59382. 59383. 59387. 59430. 59445. 59720.
 59758. 60087. 60384. 62682. 62697. 62734. 62780. 62807.
 62808. 62820. 62822. 62892. 62939. 63029. 63032. 63035.
 63094. 63135. 63140. 63180. 63202. 63342. 63448. 63476.
 63523. 63584. 63587. 63609. 66298. 66324. 66365. 66383.
 66378. 66402. 66473. 66516. 66539. 66562. 66622. 66630.
 66757. 66948. 67104. 67167. 67241. 67582. 67963. 68317.
 69613. 69986. 70049. 70264. 70268. 70281. 70331. 70348.
 70360. 70384. 70408. 70433. 70503. 70518. 70529. 70540.
 70591. 70635. 70640. 70865. 70879. 71051. 71275. 71580.
 72213. 72353. 72502. 73375. 74669. 74743. 74763. 74764.
 74778. 74782. 74785. 74789. 74802. 74825. 74855. 74856.
 74879. 74880. 74882. 74908. 74926. 74947. 74972. 75007.
 75027. 75037. 75123. 7y124. 75125. 75205. 75233. 75304.
 75492. 75550. 75559. 75772. 75783. 75784. 75841. 75981.
 75986. 76246. 76543. 76807. 77409. 79274. 79920. 79944.
 79965. 80073. 80090. 80096. 80097. 80098. 80124. 80175.
 80176. 80193. 80247. 80253. 80279. 80280. 80300. 80339.
 80359. 80361. 80363. 80388. 80389. 80450. 80469. 80470.
 80517. 80519. 80525. 80581. 80609. 80710. 80727. 80786.
 80794. 80861. 80932. 80972. 81174. 81325. 81348. 81366.
 81484. 81546. 82354. 82740. 84259. 85637. 85682. 85935.
 85991. 86009. 86010. 86040. 86049. 86052. 86079. 86081.
 86086. 86087. 86094. 86097. 86102. 86103. 86116. 86142.
 86210. 86286. 86325. 86335. 86337. 86363. 86371. 86458.
 86536. 86581. 86745. 86717. 86807. 86901. 86905. 87003.
 87010. 87062. 87113. 87203. 87430. 88393. 88851. 89780.
 89904. 89905. 89906. 89907. 91077. 91287. 91507. 91549.
 91552. 91648. 91649. 91674. 91694. 91757. 91778. 91783.

91801. 91815. 91831. 91832. 91841. 91844. 91845. 91882.
 91886. 91904. 91919. 91924. 91940. 91991. 92017. 92283.
 92294. 92381. 92402. 92470. 92504. 92585. 92599. 92714.
 92720. 92993. 92994. 93882. 94332. 94528. 95451. 95862.
 96802. 97155. 97172. 97244. 97282. 97293. 97296. 97321.
 97334. 97335. 97342. 97353. 97354. 97378. 97405. 97443.
 97451. 97499. 97504. 97518. 97520. 97525. 97585. 97594.
 97609. 97620. 97633. 97659. 97687. 97713. 97721. 97741.
 97800. 97832. 97987. 98046. 98067. 98083. 98129. 98165.
 98166. 98189. 98198. 98335. 98353. 98475. 98541.
 98630. 98649. 98663. 102593. 102701. 102991. 103241.
 103259. 103448. 103605. 103720. 103744. 103919. 104428.
 104580. 104617. 106464. 106465.

Restoration Proceedings

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent:—

No. 62439—Dwarkadas Purushottum Asar.

The patent ceased on the 30th November, 1964, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2, of the Gazette of India, dated the 27th March, 1968. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 22nd February, 1969.

(2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent:—

No. 73279—Chairman, Khadi & Village Industries Commission.

The patent ceased on the 7th September, 1967, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 3rd August, 1968. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 22nd February, 1969.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 30, of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 13. No. 134230. The Phoenix Mills Limited, an Indian Company, Tulsi Pipe Line Road, Lower Parel, Bombay-13, Maharashtra State, "Textile goods", July 15, 1968.

Class 13. Nos. 134347 to 134353. Calico Dyeing & Printing Mills (P) Ltd. Industrial Estate, 41E, Dr. Ambedkar Road, Lalbaug, Bombay-12, Nationality—Indian Business concern (Private Limited Company), "Textile goods including silk and Art-silk piece-goods", August 6, 1968.

Class 13. Nos. 134362 to 134365 and 134367 to 134369. Shree Ram Mills Ltd. Ferguson Road, Lower Parel, Bombay-13, Maharashtra, Nationality—Indian Company, "Textile goods". August 12, 1968.

Class 13. No. 134463. The Phoenix Mills Limited, an Indian Company, Tulsi Pipe Line Road, Lower Parel, Bombay-13, Maharashtra State, "Textile goods", August 27, 1968.

Class 13. Nos. 134464 to 134470. Shree Ram Mills Ltd., Fergusson Road, Lower Parel, Bombay-13, Maharashtra, Nationality—Indian Company, "Textile goods", August 27, 1968.

Class 13. No. 134514. The Crown Spg. & Mfg. Co., Ltd., Sir Vithaldas Chambers, 16, Appollo Street, Bombay-1, Maharashtra, Nationality—Indian Company, "Textile goods", September 3, 1968.

Class 13. Nos. 134515 to 134521. Shree Ram Mills Ltd., Fergusson Road, Lower Parel, Bombay-13, Maharashtra, Nationality—Indian Company, "Textile goods", September 3, 1968.

Class 13. Nos. 134555 to 134562. Shree Ram Mills Ltd., Fergusson Road, Lower Parel, Bombay-13, Maharashtra, Nationality—Indian Company, "Textile goods", September 17, 1968.

Class 13. Nos. 134728 to 134746. Jiyajeerao Cotton Mills Ltd., Indian Company, Birlanagar (Gwalior), "Textile goods", October 25, 1968.

Copyright Extended for a Third Period of Five Years

Design Nos. 120243, 120262, 118463, 118464, 120339. Class—1.

Design Nos. 120338, 117647, 118925, 118926, 118840, 119862, 119989, 119990, 120567, 118851. Class—3.

Design Nos. 119864, 119863, 122061, Class—4.

Design Nos. 118064, 117788, 118996, 119869, 119870. Class—5.

Design Nos. 121165 and 120658, Class—13.

Copyright Extended for a Third Period of Five Years

Design No. 97553, Class—1.

Design Nos. 97694 and 97554, Class—3.

CANCELLATION PROCEEDINGS

SECTION 51A

An application has been made by K. C. Astir & Co., for cancellation of the registration of design No. 131364, in the name of M/s. Agarwal Trading Corporation.

Name Index for applicants for patents for the month of November, 1968 (Nos. 118376—118816)

Name & Application No.

A

Abbott Laboratories—118484.

Abramov, V. P.—118659.

Adolph's Food Products Mfg. Co.—118576.

Afaunov, A. T.—118659.

Agfa-Gevaert Aktiengesellschaft—118389, 118548.

Agripat S. A.—118385.

Air Preheater Company, Inc., The—118496, 118606.

Aktiebolaget Bofors—118387, 118482.

Aktiebolaget Kamyr—118463.

Aktiebolaget Svenska Kullagerfabriken—118454.

Albiswerk Zurich A. G.—118435, 118754.

Albright & Wilson Ltd.—118562.

Alcan Research and Development Ltd.—118437, 118583, 118806.

Algemene Kunstzijde Unie N. V.—118705.

Allied Chemical Corp.—118559, 118714.

American Cyanamid Co.—118494.

American Flange & Manufacturing Co. Inc.—118563.

Amsted Industries Inc.—118553.

Anglo American Corporation of South Africa Ltd.—118753.

Anglo-Transvaal Consolidated Investment Co. Ltd.—118527.

Apple Electronics Ltd.—118556.

Argus Chemical Corp.—118796.

A/S Teknova—118493.

Asahi Kasei Kogyo Kabushiki Kaisha—118813.

Asar, H. D.—118587.

Name & Application No.

A/s. Thomas Ths. Sabroe & Co.—118490.

Atomic Energy of Canada Ltd.—118688.

B

Badische Anilin- & Soda-Fabrik Aktiengesellschaft—118704.

Bausel, R. G.—118625.

Baruffini, A.—118472.

Belynsky, V. V.—118659.

Bendix Corp., The—118388.

Bendix-Westinghouse Automotive Air Brake Co.—118543, 118779.

Bengal Coal Co. Ltd. The—118381, 118382.

Benson, Field & Epes—118767.

Bharat Heavy Electricals Ltd.—118772.

Bhawani Engineering Works—118641.

Bigg, D. C.—118707.

Birla Institute of Technology, Principal—118376, 118377, 118378.

Birmingham Small Arms Co. Ltd. The—118637.

Boehringer Ingelheim GmbH—118687.

Boehringer Mannheim GmbH—118801.

Bracco Industria Chimica Societa per Azioni—118442.

Bristol-Banyu Research Institute Ltd.—118600.

Bristol-Myers Co.—118805.

British Insulated Callender's Cables Ltd.—118561.

British Oxygen Co. Ltd. The—118611.

British Petroleum Co. Ltd. The—118737.

Burn & Co. Ltd.—118613, 118734.

Buss, A. G.—118418, 118419.

C

Calbiochem—118575.

Canron, Ltd. Canron Limitee—118699.

Carding Specialists Canada Ltd.—118444.

Caterpillar Tractor Co.—118586.

Cementation Co. Ltd. The—118666.

Centre De Recherches Marcel Midy—118661.

Chandra, A.—118568.

Chas. Pfizer & Co. Inc.—118417, 118433, 118434.

Chaugule, P. J.—118624.

Chellaram, P. T.—118534.

Chemische Werke Witten Gesellschaft Mit Beschränkter Haftung—118552.

Chirnoin Gyogyszer-Es Vegyeszeti Termek Gyara Rt.—118748.

Churi, G. M.—118424.

Ciba Ltd.—118393, 118438, 118450, 118470, 118549, 118554, 118592, 118622, 118642, 118623, 118643, 118644, 118645, 118667, 118671, 118672, 118681, 118739, 118758, 118759, 118760, 118763, 118769, 118702.

CKD Praha, oborovy podnik—118432, 118521.

Colgate-Palmolive Co.—118436.

Combustion Engineering Inc.—118379, 118604, 118742.

Contract Cleaning Co. Pty. Ltd.—118778.

Council of Scientific & Industrial Research—118447, 118475, 118476, 118477, 118478, 118515, 118516, 118517, 118518, 118569, 118570, 118674, 118744, 118793.

C. Still Export G.M.B.H.—118721, 118722, 118723.

CTA Compagnie Industrielle De Textiles Artificiels Et Synthétiques—118773.

Cummins Engine Co. Inc.—118631.

Cupit, G. M.—118695.

D

Dandekar, G. G.—118571.

Das, K. E. (Mrs.)—118792.

D. D. H. Chemicals Ltd.—118409.

DePenning, R. G.—118711.

Desma-Werke Gesellschaft mitbeschränkter Haftung—118684, 118716.

De'Souza, E. F.—118745.

Name & Application No.	Name & Application No.	
De Vlieg Machine Co.—118411.	Imperial Chemical Industries of Australia and New Zealand Ltd.—118718	
Dickinson W.—118509.	Imperial Metal Industries (Kynoch) Ltd.—118461.	
Distillers Co. (Yeast) Ltd.—118528.	Imperial Smelting Corp. (N.S.C.) Ltd.—118531.	
Draftex GmbH.—118676.	Indian Oxygen Ltd.—118662.	
Dr. Beck & Co. A. G.—118456.	Ing. A Maurer S.A.—118418, 118419.	
Dr. Karl Thomae GmbH.—118462, 118594, 118595.	Institut Francais Da Petrole, Des Carburants Et Lubrifiants—118616, 118669.	
Dunlop Co. Ltd. The,—118452, 118460, 118485, 118529, 118530, 118698, 118729, 118784, 118785, 118786.	Instituto De Investigaciones Terapeuticas S.A.—118464.	
Dynatek Industries, Inc.—118768.	International Nickel Ltd.—118391.	
E		
Eastman Kodak Co.—118756.	International Standard Electric Corp.—118500.	
E. F. D'ouza—118745.	Ionarc Smelters Ltd. (N.P.L.)—118771.	
E. I. du Pont de Nemours & Co.—118430, 118495, 118601, 118602, 118603, 118677, 118774, 118810.	Ivanov, V.I.—118466.	
Electrical Installations Corp.—118492.	J	
Electric Construction (Wton) Ltd.—118589.	Jain, S.—118780, 118815.	
Electric Power Storage Ltd.—118696.	Jeinjin Ltd.—118441.	
Elliott, O. S. (Jr.)—113670.	Joseph Bancroft & Sons Co.—118525.	
E. Merck Aktiengesellschaft—118627.	Joseph Lucas (Industries) Ltd.—118511, 118612, 118663, 118731.	
Enercon Ltd.—118597.	J. R. Geigy A.G.—118457, 118580, 118581, 118639, 118660, 118781, 118795.	
Engineer, N. S. (Mrs.)—118446.	Jyoti Ltd.—118425, 118426.	
Esso Research & Engineering Co.—118777, 118783.	K	
Excalibur Surface Coatings Ltd.—118690, 118691, 118692, 118693.	Kalla, C. S. (Puskarna Brahman)—118537.	
F		
F. & M. Schaefer Brewing Co. The—118749.	Kalle Aktiengesellschaft—118471.	
Farbenfabriken Bayer Aktiengesellschaft—118565, 118585, 118664, 118700, 118717, 118732, 118797, 118809.	Kantor International S.A.—118751.	
Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning—118394, 118468, 118533, 118539, 118579, 118608, 118703.	Kapoor, R.—118757.	
Fertilizer Corp. of India Ltd. The—118720.	Kapoor, R. L.—118790, 118816.	
F. Hoffmann-La Roche & Co. Aktiengesellschaft—118392, 118423, 118735, 118788, 118789.	Karamchand Premchand Pvt. Ltd.—118709.	
Fiol, D. G.—118489.	Kharkovsky Vagonoremontny Zavod—118467.	
Fisons Ltd.—118752.	Klockner-Humboldt-Deutz Aktiengesellschaft—118638.	
Fisons Pharmaceuticals Ltd.—118596.	Kobe Steel Ltd.—118427.	
Fonden, P.B.—118413, 118414.	Kooverji Devshi & Co. Pvt. Ltd.—118743.	
Francis Shaw and Co. (Manchester) Ltd.—118733.	Krasnodarsky ordena Trudovogo Krasnogo Znameni zavod Elektroizmeritelnykh Proborov—118658.	
Fukuoka, T.—118617.	Kulkarni, S. M.—118791.	
G		
Gebr. Bohler & Co. AG.—118747.	Kumar, A.—118479.	
General Electric Co.—118605.	L	
Ghosh Dastidar, A.—118666.	Lansing Bagnall Limited—118719.	
Ghosh, A. K.—118459.	Levaux, R. G.—118390.	
Gialdi, F.—118472.	L. Gibaudan & Cie Societe Anonyme—118395.	
Giddings & Lewis-Fraser Ltd.—118505.	Libbey-Owens-Ford Co.—118497.	
Glanzstoff A. C.—118648.	Lubrizol Corp. The,—118498.	
Godrej, B. P. Dr.—118678.	Luz Electricals Private Ltd.—118656.	
Godrej Soaps Pvt. Ltd.—118678.	M	
Golabtsov, S. A.—118466.	Makhteshim Chemical Works Ltd.—118538.	
Goodyear Tire & Rubber Co. The—118547, 118584, 118689.	Marshall Sons & Co. Ltd.—118730.	
Gould-National Batteries, Inc.—118451.	Marshall's Tea Machinery Co. Ltd.—118526.	
Gunasekera, D.—118632.	Maschinenfabrik Rieter A.G.—118443.	
Gupta, N. R.—118598.	Matsuoka, S.—118445.	
H		
Haines, W.J.M.—118509.	Matsushita Electronics Corp.—118487.	
Halcon International, Inc.—118542.	Mattiangadi, M.S.R. (Dr.)—118567.	
Halloran, W. X.—118578.	Mavalankar, N.G. Dipl. Ing.—118675.	
Hazarat & Co.—118403, 118640.	May & Baker Ltd.—118406.	
HeUBL, W.—118558.	Mefina S.A.—118510, 118686.	
Hindle, Son & Co. Ltd.—118541.	Merck & Co., Inc.—118646, 118647, 118679.	
Hindustan Lever Ltd.—118408, 118572, 118593.	Merlin Gerin—118422.	
Holloway, H.—118808.	Metal Box Co. of India Ltd. The,—118439, 118787.	
I		
Imperial Chemical Industries Ltd.—118404, 118545, 118546, 118582, 118798.	Metallurgical Processes Ltd.—118531, 118755.	
N		
National Distillers and Chemical Corp.—118420.		
Nauchno-issledovatelsky elektrotehnichesky institut—118524.		

Name & Application No.	Name & Application No.
N	
Nederlandse Organisatie Voor Toegepast-Natuurwetenschappelijk Onderzoek Ten Behoeve Van Nijverheid, Handel En Verkeer—118680.	Singh, K. M. (Dr.)—118655.
Newell Associates, Inc.—118727.	Snam Progettix S.p.A.—118566.
Nitro Nobel Aktiebolag—118557.	Snia Viscosa Societa Nazionale Industria Applicazioni Viscosa—118591.
Norbro Engineering Ltd.—118618.	Societa Farmaceutici Italia—118508.
Norsk Hydro-Elektrisk Kvaefstofaktieselskab—118453.	Societe D'Appareils De Controle Et D'Equipment Des Moteurs S.A.C.E.M.—118540.
N. V. Organon—118802.	Societe D'Etudes Scientifiques Et Industrielles De L'ile-De-France—118762.
N. V. Philips' Gloeilampenfabrieken—118396, 118473, 118474, 118491, 118506, 118507, 118588, 118650, 118651, 118673, 118682, 118712, 118713, 118766, 118800.	Sonti, V. R.—118619.
O	Southington Manufacturing, Inc.—118428, 118429.
Oldham & Son Ltd.—118574.	Span-Deck, Inc.—118513.
Orenzio De Nora Impianti Elettrochimici S.A.S.—118741.	Sperberg, L. R.—118765.
P	Srimal, C.—118780, 118815.
Padala, P.K.—118410.	Stamicarbon N. V.—118715.
Palkhiwala, J.P.—118488, 118499.	Sumitomo Chemical Co. Ltd.—118607, 118724, 118746, 118770, 118812.
Pandya, S.S.—118652, 118653, 118654.	Summer, E. L.—118383, 118384.
Paniel, E.D.—118803.	Sundararajan, K.—118448.
Panveliwala, M.K.—118614.	Sun Oil Co.—118599.
Parekh, J.M.—118401.	Svenska Aktiebolaget Bromstregulator—118697.
Parekh, K.—118780, 118815.	T
Parke, Davis & Co.—118481.	Takahashi, T.—118764.
Parr, P. J.—118458.	Teijin Ltd.—118710.
Permutit Co. Ltd., The—118804.	Teknova, A/S.—118494.
Photo Magnetic Systems, Inc.—118807.	Tenco Brooke Bond Limited—118416, 118512.
Pilkington Brothers Ltd.—118503.	Texaco Development Corp.—118629.
Pirelli Societa Per Azioni—118634.	Tokyo Shibaura Electric Co. Ltd.—118794.
Polee Feb.—118708.	Thakur, M. S.—118678.
Ponci, R.—118472.	U
Ponkshe, V. N.—118707.	Unilever Ltd.—118725, 118728.
Porous Plastics Ltd.—118405, 118782.	Union Carbide Corp.—118440, 118501, 118620, 118635.
Q	Uniroyal, Inc.—118610.
Quenot & Cie S.a.r.l.—118665.	United States Steel Corp.—118564.
R	Universal Oil Products Co.—118455, 118544, 118685.
Radhakrishnan, C.—118707.	Upjohn Co. The—118621, 118738.
Radio Foundation Engineering Ltd.—118403, 118640.	V
Ragbir, R.—118706.	Valcovny Plechu, Narodni Podnik—118522.
Ralston Purnia Co.—118694.	Vdo Techometer Werke Adolf Schindling GMBH.—118701, 118740.
Ranke, R. L.—118630.	Veb Elektro-Apparate-Werke Berlin-Troptow—118449.
Rheinmetall G.m.b.H.—118532.	Veb Filmfabrik Wolfen—118573, 118668.
Rhone-Poulenc S.A.—118560, 118683, 118775.	Veb Ingenieurtechnisches Zentralburo Mineralo Und Organische Grundstoffe—118814.
Rometa AG.—118402.	Veb Starkstrom-Anlagenbau Erfurt—118400, 118649.
Roosa, V. D.—118431.	Vereinigte Oesterreichische Eisen-Und Stahlwerke Aktiengesellschaft—118799.
Rozhkov, G. P.—118659.	Verson Allsteel Press Co.—118398, 118399.
Ruznetsova A.G.—118466.	Videh, V. K.—118520.
S	Villamos Berendezes Es Keszulek Muvek—118469.
Sachdev, Y. Dr.—118514.	Vyzkumny ustav tvarecich stroju a technologie tvareni—118628.
Samuels, P. B.—118390.	W
Sandoz Ltd.—118397, 118502, 118550, 118551, 118577, 118615, 118736, 118761.	Walander, K.O.T.—118413, 118414, 118415.
Sankyo Co. Ltd.—118590.	William Hart & Co. Ltd.—118421.
Sarkar, T.—118407.	Wood, E. C.—118390.
Schering Aktiengesellschaft—118519.	Woodson, E.F.—118609.
Scottish Agricultural Industries Ltd.—118636.	Worthington Corp.—118726.
Sekhon, G. S. (Dr.)—118555.	Washine Chemical Corp.—118749.
Shamsutdinov, U. G.—118659.	Z
Shell Internationale Research Maatschappij N. V.—118412, 118633, 118776.	Zenkoku Rakunogyokyodokumai Rengokai—118445.
Shetty, K. S.—118536.	S. VEDARAMAN, Controller-General of Patents, Designs and Trade Marks.
Shiddhaye, M. V.—118480.	
Shiddaye, S. M.—118480.	
Siemens Aktiengesellschaft—118380, 118465, 118486, 118523, 118626, 118750, 118811.	

